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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/832,878	04/12/2001	Roland De La Mettrie	5725.0408-01	2717

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EXAMINER	
ELHILO, EISA B	
ART UNIT	PAPER NUMBER
1751	

DATE MAILED: 10/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/832,878

Applicant(s)

METTRIE ET AL.

Examiner

Eisa B Elhilo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 30-51 is/are pending in the application.
- 4a) Of the above claim(s) 48-51 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 30-47 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 09/319,199.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

1 This action is responsive to the applicant's election received by the office on August 22, 2003.

2 Applicant's election with traverse to prosecute the invention of Group I. Election of claims 30-47 is acknowledged. Claims 48-51 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention. Therefore, claims 30-47 are pending in this application.

3 The traversal is on the ground(s) that the examiner has applied the incorrect standard for this restriction requirement and the restriction requirement should follow the U.S. standard pursuant to 35 U.S.C. 121, and also if the search and examination of an entire application can be made without serious burden, the Office must examine it on the merits, even though it includes claims to distinct or independent inventions. This is not found persuasive because the instant application is a divisional and claims priority to an earlier national stage application (09/319,167) under 35 U.S.C 371, PCT. Therefore, PCT Rules are to be applied. Further, even under U.S.C. 121, the inventions of groups I, II and III are patentably independent and distinct and they are classified and searched in different classes and subclasses and the search required for each group is not required for the other groups of inventions. Therefore, restriction for examination purposes as indicated is proper. The requirement is still deemed proper and is therefore made FINAL.

4 Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the

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application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Claim Rejections - 35 USC § 103

6 The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 30-47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tomura et al. (US 6,027,719) in view of Cotteret et al. (US 5,580,357).

Tomura (US' 719) teaches an aqueous cosmetic composition comprising uricase enzyme as 2-electron oxidoreductase, uric acid as a donor and 1.5 % of para-phenylenediamine as an oxidation base, 0.08 % of m-aminophenol as a coupler, hydrochloride as acid addition salt as claimed in claims 30-37 (see col. 6, Example 1), direct dyes as claimed in claim 38 (see col. 3, line 46), 1% of polyoxyethylene alkyl ether as an organic solvent as claimed in claims 39-40 (see col. 6, Example 2). The composition has a pH of 7, which within the claimed ranges as claimed in claims 42-43 (see col. 2, line 17) and surfactants as claimed in claim 44 (see col. 3, lines 42-43). Tomura also teaches a method for dyeing hair, wherein the dyeing ingredients are mixed together and then applied to the hair as claimed in claims 45-47 (see col. 6, lines 40-49).

The instant claims differ from the reference by reciting a composition comprising at least one substantive polymer selected from the polymers as claimed. Further, the reference does not teach organic solvent in the claimed amount as claimed in claim 41.

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However, the reference teaches a hair dyeing composition comprising thickeners and polymers (see col. 2, lines 59-67 and col. 3, line 48).

Cotteret (US' 357) teaches in analogous art a hair dyeing composition comprising cationic polymer of polyquaternary ammonium polymer as claimed (see col. 5, Example) and organic solvents in the amount of 1 to 40%, which is overlapped with the claimed ranges as claimed in, claim 41 (see col. 4, lines 37-39).

Therefore, in view of the teaching of the secondary reference, one having ordinary skill in the art at the time the invention was made would be motivated to modify the composition of the primary reference by incorporating the cationic polymer as taught by Cotteret to make such a composition with a reasonable expectation of success because Tomura as a primary reference teaches clearly that the composition is not specifically limited to acrylic polymers and any polymer normally used in the cosmetic compositions, can be incorporated in the composition (see col.2, lines 59-62) and Cotteret teaches a dyeing composition comprising a cationic polymer of quaternary ammonium compound (see col. 5, Example 1) and, thus, a person of the ordinary skill in the art would be motivated to use the cationic polymers in the dyeing composition, and would expect such a composition to have similar properties to those claimed, absent, unexpected results.

Conclusion

The remaining references listed on forms 1449 have been reviewed by the examiner and are considered to be cumulative to or less material than the prior art references relied upon in the rejection above.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eisa B Elhilo whose telephone number is (703) 305-0217. The examiner can normally be reached on M - F (7:30-5:00) with alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on (703) 308-0661. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.



Eisa Elhilo
Patent Examiner
Art Unit 1751

October 19, 2003.